

Message

From: Fennessy, Christopher [christopher.fennessy@Rocket.com]
Sent: 6/27/2017 11:15:18 PM
To: Keller, Lynn [Keller.Lynn@epa.gov]; MacNicholl, Peter@DTSC [Peter.MacNicholl@dtsc.ca.gov]; MacDonald, Alex@Waterboards [Alex.MacDonald@waterboards.ca.gov]
Subject: RE: Meeting to discuss Area 40 PRAs vs RAs

We are not planning any topics that affect IOU (including fate and transport), Area 40, VI or partial deletion on July 20. All of these topics will be included on the agenda for July 19. If I had to put an agenda together today, I think it would include the following (please let me know if additional topics need to be added):

9-10 – C29/C41 and Glenborough Phase 1 vapor intrusion evaluation results and Land Use Covenants
10-11 – Partial deletion status and transition
11-12 – Winter season VI report and Summer season sampling program
12-1 lunch
1-3 – Review of EPA and DTSC comments on the Area 40 RI and HHRA
3-4 – Discussion of Area 40 ambient air sampling schedule and protocol

I do not understand how the soil vapor issue affects decisions on perchlorate, dioxin/furan, and metals remedial decisions. As I mentioned in my e-mail, we are only trying to finalize these non-VOC remedial areas.

My understanding was that EPA was finished with the HHRA and that only ambient air data required further evaluation. We have been led to believe that other issues were minor and would not affect decisions. Has this changed? We would appreciate receipt of the comments EPA has prepared on the HHRA.

The Area 40 investigation and subsequent RI and HHRA documents were prepared by a team of experts in the fields of remedial investigation and toxicology and were reviewed by highly qualified staff and consultants from EPA, DTSC, and RWQCB. As such, AR is confident that the Area 40 investigation was of high quality and very thorough. I am confident we can direct the new DTSC reviewers to the locations where data exists to answer their questions. We understand that it is difficult to come onto this project mid-stream and be able to gain a full understanding of the project, so we are happy to help. We do not anticipate the need to collect additional data to support the RI. Other than the recent change to the TCE screening level, we also do not anticipate additional changes to the risk assessment.

We appreciate your willingness to continue to be available for this project and will schedule a meeting for July 12 or 13th depending upon RWQCB availability.

Thanks! Chris

Christopher M. Fennessy, P.E.
Aerojet Rocketdyne, Inc.
Engineering Manager, Site Remediation
11260 Pyrites Way, Suite 125
Rancho Cordova, CA 95670
Ph: 916-355-3341
Fax: 916-355-6145
Email: Christopher.Fennessy@Rocket.com

From: Keller, Lynn [mailto:Keller.Lynn@epa.gov]
Sent: Tuesday, June 27, 2017 3:24 PM

To: Fennessy, Christopher; MacNicholl, Peter@DTSC; MacDonald, Alex@Waterboards
Subject: [EXTERNAL] RE: Meeting to discuss Area 40 PRAs vs RAs

Hi, Chris.

I haven't seen an agenda, so I don't know what's on the schedule for either the 19th or the 20th—but assumed partial deletion and F&T modeling might be which would require me to be there.

Regardless, I don't see how we can finalize the soil remediation areas without considering VI/soil gas/ambient air issues—not to mention the RIS and HHRA which still require more work/discussion per DTSC and EPA, respectively. Progressing on PRAs is fine but finalizing seems like a stretch given the inputs that are still being worked out. Speaking for EPA, I won't be able to finalize them on 12/13 July.

I prefer not to take a whole day traveling for a 2 hour meeting, but I can call in for a meeting anytime on 12 June or 8-11 on 13 June. I'm booked on 11 June.

Lynn M. Keller, EI, PMP
US EPA Region 9 RPM
75 Hawthorne St, SFD 7-1
San Francisco, CA 94105
415-947-4162

From: Fennessy, Christopher [mailto:christopher.fennessy@Rocket.com]
Sent: Tuesday, June 27, 2017 2:57 PM
To: Keller, Lynn <Keller.Lynn@epa.gov>; MacNicholl, Peter@DTSC <Peter.MacNicholl@dtsc.ca.gov>; MacDonald, Alex@Waterboards <Alex.MacDonald@waterboards.ca.gov>
Subject: RE: Meeting to discuss Area 40 PRAs vs RAs

We really are trying to keep our schedule on track. The 19th is already going to be fairly busy with ambient air discussions, winter VI wrap up, and Summer/Fall VI scoping. I do not see a need for you to participate on the 20th, since it will just be PGOU and WGOU discussions. If you cannot make it here on the 12/13, we could tie you in via ATT connect.

Christopher M. Fennessy, P.E.
Aerojet Rocketdyne, Inc.
Engineering Manager, Site Remediation
11260 Pyrites Way, Suite 125
Rancho Cordova, CA 95670
Ph: 916-355-3341
Fax: 916-355-6145
Email: Christopher.Fennessy@Rocket.com

From: Keller, Lynn [mailto:Keller.Lynn@epa.gov]
Sent: Tuesday, June 27, 2017 2:52 PM
To: MacNicholl, Peter@DTSC; Fennessy, Christopher; MacDonald, Alex@Waterboards
Subject: [EXTERNAL] RE: Meeting to discuss Area 40 PRAs vs RAs

Chris,
I'd prefer to keep this meeting on the 19th since I'll already be there. I've already routed travel authorizations to spend all of 19 and 20 July at Aerojet. I also need that extra week to help prepare for the FS meeting. Can we please keep this meeting as planned on 19 July?

Lynn M. Keller, EI, PMP
US EPA Region 9 RPM
75 Hawthorne St, SFD 7-1
San Francisco, CA 94105
415-947-4162

From: MacNicholl, Peter@DTSC [mailto:Peter.MacNicholl@dtsc.ca.gov]

Sent: Tuesday, June 27, 2017 2:42 PM

To: Fennessy, Christopher <christopher.fennessy@Rocket.com>; Keller, Lynn <Keller.Lynn@epa.gov>; MacDonald, Alex@Waterboards <Alex.MacDonald@waterboards.ca.gov>

Subject: Re: Meeting to discuss Area 40 PRAs vs RAs

I assume this meeting would replace the 19th? I'm available on the 12th and 13th. I would need to check Dan Gallagher's availability since he already committed to the 19th.

From: Fennessy, Christopher <christopher.fennessy@Rocket.com>

Sent: Tuesday, June 27, 2017 2:00:27 PM

To: MacNicholl, Peter@DTSC; Keller, Lynn (Keller.Lynn@epa.gov); MacDonald, Alex@Waterboards

Subject: Meeting to discuss Area 40 PRAs vs RAs

Hi Everyone – My vacation has been changed, which allows me the ability to participate in an Area 40 FS meeting the week of July 10. Please let me know your availability for a 2 hour meeting on:

July 11 – 10-12

July 12 – 10-12

July 13 – 10-12

Please note, I made the start time at 10am so Lynn could rent a vehicle in the morning and drive up. Lynn – Let me know if you would prefer the start time earlier.

We would like you to come prepared to discuss all concerns regarding soil PRAs that were not brought forward as soil remedial areas. Please review FS Tables 2-5 through 2-7 and associated FS Figures 2-17 through 2-20. The goal of the meeting is to finalize the soil remedial areas (i.e. exclusive of vapor intrusion via soil vapor or ambient air) for Area 40 FS.

Thanks! Chris

Christopher M. Fennessy, P.E.

Aerojet Rocketdyne, Inc.

Engineering Manager, Site Remediation

11260 Pyrites Way, Suite 125

Rancho Cordova, CA 95670

Ph: 916-355-3341

Fax: 916-355-6145

Email: Christopher.Fennessy@Rocket.com